

Method and Apparatus of Establishing a Dynamically Adjustable Loop of Delayed Read Commands for Completion in a Queue Buffer

Abstract of the Disclosure

5 A loop of delayed read commands is established from a larger set of
queued commands. Upon recognizing a delay in completing a first read command
which is followed by a second read command, the loop is established by setting
loop start pointer to identify the first delayed read command and setting a loop end
pointer to identify the second read command. Upon recognizing a delay in
10 completing the second read command which is followed by a third read command,
the loop end pointer is advanced to identify the third read command. All of the
read commands in the loop at and between the loop start pointer and the loop end
pointer are completed before attempting to complete other commands in the queue
not within the loop.